

## Keywords

### A

Abrasion resistance  
Acetaldehyde plants  
Acetic acid fermentation plants  
Acetone plants  
Activated carbon plants (granular)  
– Activated carbon (granulated)  
Actuators  
Adsorbents  
Air pollution control  
– Flue gas desulfurization plants  
– Scrubbers for flue gas  
Antifoams  
Assembling works  
Autoclaves

### B

Bag emptying machines  
Bagasse depithing installations  
Bagasse utilization plants  
Beet cleaning machines (field)  
Beet cleaning machines, mobile  
Beet diffusers  
– Cossette scalders  
Beet harvesting machines  
Beet leaf processing plants  
– Beet leaf washers  
– Choppers for beet leaves  
Beet pulp processing installations  
– Fine pulp presses  
– Fine pulp separators  
– Pulp press water treatment  
– Pulp presses  
Beet reception systems  
Beet samplers  
– Beet brei saws  
Beet soil treatment  
– Beet soil composting  
– Beet soil dewatering  
Beet sowing machines  
Beet sugar factories, design/erection  
Beet tail processing plants  
– Beet tail catchers  
– Beet tail choppers  
– Beet tail washers  
Beet unloading, storage and reclaiming  
– Beet bins  
– Beet fluming equipment  
– Dirt and trash separators  
– Movable beet tipping and piling plants  
– Reclaimers for beet  
– Spray nozzles  
– Stationary dry unloading plants  
– Wet unloading plants  
Beet washers  
– Jet-type washers  
– Water separators  
Bend screens  
Biodiesel installations  
– Biodiesel purification plants  
– Methanol recovery  
– Transesterification reactors  
Bioethanol plants  
– Batch fermentation plants  
– CO<sub>2</sub> Recovery (fermentation)  
– Continuous fermentation plants  
– Dehydration plants  
– Design and erection  
– Distillation plants  
– Yeast separation plants  
Biogas plants  
Bone char  
Bone char plants

### Books

Bulk material aggregates  
– Line diverters for bulk material  
– Rotary valves  
– Valves for bulk service  
Burners for gas and oil

### C

CAD-CAP-CIM-PPS-systems  
Candy sugar plants  
Cane harvesters  
Cane loaders  
Cane reception systems  
Cane samplers  
Cane sugar factories, design/erection  
Cane transport equipment  
Cane unloading installations  
– Tipping equipments for cane trucks  
Cane washing equipment  
– Cane washing equipment drives  
Carbon reactivation – multiple hearth furnace  
Centre infeed rotary screens  
Centrifugal accessories  
Centrifugal drives  
Centrifugals for fructose  
Centrifugals for glucose (dextrose)  
Centrifugals for starch production  
– Decanter  
– Disc centrifugals (separators)  
– Ploughing centrifugals  
– Screening centrifugals  
Centrifugals for sugar  
– Continuous centrifugals  
– Discontinuous centrifugals  
– Mixers (Centrifugals)  
Centrifugals screens  
Centrifugals, steam sterilizable  
Chemicals for beet growing  
– Fungicides (beet)  
– Herbicides (beet)  
– Insecticides (beet)  
Chemicals for operation  
Chemicals for sugar cane growing  
– Cane ripeners  
– Fungicides (cane growing)  
– Herbicides (cane growing)  
Chimney constructions  
Chromatography equipment  
Citric acid plants  
Clack valves  
Clarifiers  
– Flocculation aids  
Cleaning aids  
Coating  
Cogeneration plants  
Condensers for vapours  
Consultancy services  
Containers  
– Bunkers  
– Tanks  
– Tanks for stirrers  
Controllers  
– Analog controllers  
– Digital controllers  
– Two and three position controllers  
Conveyor plant accessories  
– Belt conveyor pulleys  
– Belt drums  
– Belts  
– Chain wheels  
– Chains  
– Elevator buckets  
– Precision driving chains

– Worms  
Conveyor plants  
– Belt conveyors  
– Bucket elevator  
– Contract manufacturing  
– Cranes and lifting equipment  
– Elevators  
– Lifting wheels  
– Package conveyors  
– Palettising machines  
– Pneumatic conveyors  
– Rake conveyors  
– Tractors and trucks  
– Trough chain conveyors  
– Vibratory conveyors  
– Worm conveyors  
Cooling plants  
– Cooling towers  
– Molasses coolers  
– Pulp cooling plants  
– Sugar cooling plants  
Corrosion inhibitors  
Crystallization aids  
Crystallizers for dextrose/glucose  
Crystallizers for fructose  
Crystallizers for sugar  
– Batch vacuum pans  
– Continuous vacuum pans  
– Cooling crystallizers  
– Seed magma installations  
Cube sugar plants  
– Plants for press cubes

### D

Degerming mills  
Denaturing agents for Ethanol  
Descaling equipments  
Dewatering presses  
Dextrin plants  
Dosing units  
Dried pulp pelleting presses  
– Pellets silos  
Dried pulp storage  
Drives  
Dry milling installations (corn)  
Drying plants  
– Bagasse driers  
– Beet leaf driers  
– Corn gluten feed driers  
– DDGS driers  
– Drying kilns  
– Germ driers  
– Glucose (Dextrose) driers  
– Gluten driers  
– Pulp driers  
– Slops drier  
– Starch driers/starch derivatives  
– Sugar driers  
Dust collection plants  
– Dry dust separators  
– Wet dust collectors

### E

Electrical equipment  
– Electric motors  
– Frequency changers  
– Switch gears  
Electronic controlling equipment  
Engineering  
Entrainment separators  
Enzymes  
Ethyl acetate plants  
Evaporators  
– Falling film evaporators  
– Plate evaporators

Explosion protection plants  
Extraction plants for cane  
– Cane conveyor drives  
– Cane conveyors  
– Cane diffusers  
– Cane feeder tables  
– Cane mill accessories  
– Cane mill hydraulics  
– Cane mills  
– Cane preparation plants  
– Crushers  
– Knives  
– Mill couplings  
– Mill drives  
– Mill gears  
– Mill roll bearings  
– Mill rolls  
– Shredders  
Extraction plants for chicoree

### F

Fans  
Fermenters  
– BLEIBT  
Filter accessories  
– Filter candles  
– Filter cartridges  
– Filter elements  
– Filter frames  
– Filter hoses  
– Filter plates  
– Filter pockets  
Filter aids  
Filtering fabrics  
– Filter bags  
– Filter cloths  
– Filter stockings  
Filters  
– Bag filters  
– Belt filter presses  
– Candle filters  
– Cartridge filters  
– Cell-less drum filters  
– Cell-type drum filters  
– Chamber filter presses  
– Diaphragm filter presses  
– Disc filters  
– Filter thickeners  
– Filters for sterile air  
– Frame filter presses  
– Frame filters  
– Plate filters  
– Rotorfilters  
– Screen basket filters  
– Sterilizing filters  
Fire protection  
Firing equipment  
– Firing systems  
Fittings, mountings, valves  
– Stainless steel fittings  
Flotation equipment  
Fructose installations

### G

Gas washers  
Gears  
Generators  
Gluconic acid plants  
Glucose installations

### H

Heaters  
– Heat exchangers  
– Heat recovery installations  
– Preheaters  
HFCS plants

- Hydrocyclones  
 Hydrogenation plants
- I**  
 Indicators and recording instruments  
 Industrial and heating power plants  
 Information systems  
 Inhibitors  
 Insulations, installers  
 Ion exchange plants  
 – Decalcification  
 – Decolorization  
 – Demineralization  
 – Softening  
 Ion exchange resins  
 – Decolorizing resins  
 Irrigation equipment
- J**  
 Jet extractors  
 Jet refiners  
 Juice purification plants for beet  
 Juice purification plants for sugar cane
- L**  
 Laboratory equipment  
 – Analysis automation  
 – Analytical sieve shakers  
 – Automatic dilution and dosage systems  
 – Beet brei analyzers  
 – Beet sampling washers  
 – Colour type measuring instruments  
 – Density meters  
 – Fk meters  
 – Gas chromatography apparatus  
 – Grain size analysers  
 – HPLC-apparatus and analyzers  
 – Laboratory scales  
 – NIR analyzers  
 – Photometers  
 – Polarimeters  
 – Refractometers  
 – Titrators  
 – Viscometers  
 Lactic acid plants  
 Lactitol plants  
 Leaf catchers  
 Lime milk preparation  
 – Classifiers  
 – Lime slaking plants  
 Limestone preparation plants  
 Liquid sugar plants  
 Lubricating agents
- M**  
 Magnets (Separators)  
 Maintenance  
 Maltitol plants  
 Malto-dextrin and glucose plants  
 Management consulting  
 Mannitol plants  
 Measuring amplifiers  
 Measuring and process control systems  
 – Beet conveyors, control systems  
 – for cane mills  
 – for centrifugals  
 – for diffusers  
 – for distillation plants  
 – for drying plants  
 – for electric power generating plants  
 – for evaporators  
 – for fermenters  
 – for liquid sugar plants  
 – for starch factories  
 – for starch saccharification plants  
 – for steam boilers  
 – for vacuum pans  
 – Juice purification plants, control system  
 – Operational data recording  
 – Pneumatic installations  
 – Waste water treatment, control systems  
 Measuring devices  
 – Dust monitors  
 – for alkalinity  
 – for conductivity  
 – for density  
 – for flow measurement  
 – for humidity  
 – for level measurement  
 – for pressure  
 – for speed  
 – for stack gases  
 – for sugar colour  
 – for temperature  
 – for turbidity  
 – for waste water  
 – for weight  
 – Measuring electrodes  
 – Particle analysis  
 – pH-electrodes  
 – pH-meters  
 – Pneumatic regulating valves  
 – Process automation  
 – Process colorimeters  
 – Process polarimeters  
 – Process refractometers  
 – Process viscometers, rheometers  
 Measuring transducers  
 Membrane filter installations  
 Membranes  
 Metal detectors  
 Mixers, industrial  
 – Stirrers  
 Molasses utilization plants  
 – Desugarizing plants  
 – Mixing plants for molasses and dried beet pulp  
 Molecular sieve dehydration installations  
 Molecular sieves
- N**  
 NIR process analyzers  
 Noise insulation  
 Nozzles
- O**  
 Oil expeller presses
- P**  
 Packing machines  
 – Bagging and filling machines  
 – Collective packing machines  
 – Packaging machines  
 – Sealing machines  
 Palettising installations  
 Pervaporation plants  
 Phosphatation plants  
 Plant construction  
 Potato discharging equipment  
 Potato fluming equipment  
 Potato rasps  
 Pressed pulp conservation  
 Presses for corn germs  
 Presses for corn gluten feed  
 Process computers  
 Process control systems  
 Pumps and compressors  
 – Centrifugal pumps  
 – Diaphragm pumps  
 – Dosing pumps  
 – Eccentric screw pumps  
 – External gear pumps  
 – Jet pumps  
 – Liquid ring pumps  
 – Peristaltic pumps  
 – Positive displacement pumps  
 – Refrigeration compressor  
 – Rotary abutment pumps  
 – Rotary lobe pumps  
 – Rotary piston compressors  
 – Screw pumps  
 – Special constructions  
 – Vacuum pumps  
 – Vapour compressors
- R**  
 Rectification plants  
 Refineries, design/erection  
 Reinforced concrete constructions  
 Reverse osmosis  
 Rubber materials
- S**  
 Sample Divider  
 Scale inhibitors  
 Screening machines  
 Screening materials  
 – Drilled plates  
 – Perforated sheets  
 – Screening fabrics  
 – Sieve gratings  
 – Slotted screens  
 Screw heat exchanger  
 Seals  
 – Flat jointings  
 – Mechanical seals  
 – Stuffingbox packings  
 Second-hand equipment  
 Separation plants for fructose/dextrose  
 Separators  
 Sheet metal  
 Sight glasses  
 Slicers  
 – Beet knife preparation equipment  
 – Beet knives  
 – Equipment for fully automatic knife-box exchange  
 – Knife boxes  
 Slop utilization plants  
 Sorbitol plants  
 Sorting machines  
 Starch factories, design/erection  
 Starch saccharification plants  
 – Acid-catalyzed starch saccharification plants  
 – Enzymatic saccharification plants  
 Steam boilers  
 – Bagasse furnaces  
 – Boiler cleaning  
 – Feed water conditioning  
 Steam traps  
 Steam turbines  
 Steel constructions  
 Sterilizers  
 Stone catchers  
 – Stone washers  
 Sugar beet seed  
 Sugar conditioning  
 Sugar milling plants for icing sugar  
 Sugar sifting plants  
 Sugar storage  
 – Conveyors for silos  
 – Sugar silos  
 Sugar transport  
 Sulfitation plants  
 Sulfur kilns
- U**  
 Ultrafiltration installations  
 UV disinfection plants
- V**  
 Vertical lime kilns  
 – Carbon dioxide washers  
 – Lime kiln bricklaying  
 Vibration sieves
- W**  
 Waste water treatment plants  
 – Aerobic water purification plants  
 – Anaerobic water purification plants  
 – Mechanical water treatment plants  
 – Solids separators  
 Water conditioning  
 Weighing machines  
 – Gross and net bagging and filling weighers  
 Wet milling plants (corn)  
 Wheat starch separators  
 Wheel washing systems
- X**  
 Xanthan plants  
 Xylitol plants
- Y**  
 Yeast factories, design/erection  
 Yeast propagation